

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

the Application of:  
Dirk M. Anderson and Laurent J. Galibert  
Serial No: 09/705,985  
Filed: November 3, 2000  
For: METHOD OF INHIBITING OSTEOCLAST ACTIVITY

Docket No.: 2874-B

Group Art Unit: 1646

Examiner: N. Basi

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Mail Stop Amendment  
Commissioner for Patents  
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SECOND SUPPLEMENTAL  
INFORMATION DISCLOSURE STATEMENT

Pursuant to the duty of disclosure as set forth in 37 C.F.R. §1.56, §1.97 and §1.98, applicants hereby disclose publications known to them which may be material to the patentability of this invention. The publications are listed on the attached Form PTO-1449, and copies are enclosed. Kindly acknowledge receipt of this Supplemental Statement and make the cited references of record in the subject application.

This Supplemental Information Disclosure Statement is being filed after the mailing date of the first Office action on the merits, but before the mailing date of either a final action under § 1.113 or a notice of allowance under § 1.311. The above-cited references are submitted under §1.97(c) and accompanied by the fee of \$180 as set forth in §1.17(p).

Please charge Deposit Account No. 09-0089 in the amount of \$180. An original and one copy of this sheet are enclosed. The Commissioner is hereby authorized to charge any additional fees which may be required or credit any overpayment to Deposit Account No. 09-0089.

Applicants request consideration of this information and passage of the application to issue.

11/22/2004 AWONDAF1 00000014 090089 09705985  
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Respectfully submitted,

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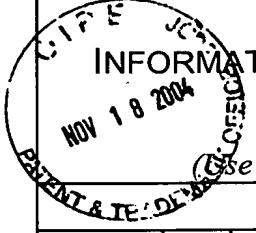
CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to the Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the date appearing below.

November 15, 2004

Date

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| <b>Form PTO-1449</b>  |   | U.S. DEPARTMENT OF COMMERCE<br>PATENT AND TRADEMARK OFFICE |                 | ATTY. DOCKET NO.<br><br>2874-B | SERIAL NO.<br><br>09/705,985 |                                      |                |
|---|---|--|-----------------|--------------------------------|------------------------------|--------------------------------------|----------------|
|  <b>2<sup>nd</sup> Supplemental<br/>INFORMATION DISCLOSURE CITATION</b><br><i>(Use several sheets if necessary)</i>   |   | APPLICANT  |                 | Dirk M. Anderson et al.        |                              |                                      |                |
|   |   | FILING DATE  |                 | GROUP                          |                              |                                      |                |
|   |   | November 3, 2000   |                 | 1646                           |                              |                                      |                |
| <b>U.S. PATENT DOCUMENTS</b>  |   |  |                 |                                |                              |                                      |                |
| EXAMINER  | DOCUMENT NUMBER   | DATE   | NAME            | CLASS                          | SUBCLASS                     | FILING DATE IF APPROPRIATE           |                |
|   | 6,271,349   | 08/07/01   | Dougall et al.  |                                |                              | <b>RECEIVED</b>                      |                |
|   | 6,419,929   | 07/16/02   | Anderson        |                                |                              | NOV 23 2004                          |                |
|   | 6,528,482   | 03/04/03   | Anderson et al. |                                |                              | NOV 23 2004                          |                |
|   | 6,537,763   | 03/25/03   | Dougall et al.  |                                |                              |                                      |                |
|   | 6,740,522   | 05/25/04   | Anderson        |                                |                              | TECH CENTER 2000<br>TECH CENTER 1600 |                |
|   |   |  |                 |                                |                              |                                      |                |
|   |   |  |                 |                                |                              |                                      |                |
| <b>FOREIGN PATENT DOCUMENTS</b>   |   |  |                 |                                |                              |                                      |                |
|   | DOCUMENT NUMBER   | DATE   | COUNTRY         | CLASS                          | SUBCLASS                     | TRANSLATION YES                      | TRANSLATION NO |
|   | WO 94/10308   | 11/05/94   | PCT             |                                |                              |                                      |                |
|   | WO 96/40918   | 19/12/96   | PCT             |                                |                              |                                      |                |
|   | WO 99/29865   | 17/06/99   | PCT             |                                |                              |                                      |                |
|   |   |  |                 |                                |                              |                                      |                |
|   |   |  |                 |                                |                              |                                      |                |
| <b>OTHER DOCUMENTS</b> ( <i>Including Author, Title, Date, Pertinent Pages, Etc.</i> )  |   |  |                 |                                |                              |                                      |                |
|   | Takahashi N et al., "A new member of tumor necrosis factor ligand family, ODF/OPGL/TRANCE/RANKL, regulates osteoclast differentiation and function," <i>Biochem Biophys Res Commun</i> 1999; 256:449-455.   |  |                 |                                |                              |                                      |                |
|   | Tsukii K et al., "Osteoclast differentiation factor mediates an essential signal for bone resorption induced by 1 $\alpha$ ,25-dihydroxyvitamin D <sub>3</sub> , prostaglandin E <sub>2</sub> , or parathyroid hormone in the microenvironment of bone," <i>Biochem Biophys Res Commun</i> 1998; 246:337-341. |  |                 |                                |                              |                                      |                |
|   | Wiley, SR et al., "Identification and characterization of a new member of the TNF family that induces apoptosis," <i>Immunity</i> 1995; 3(6):673-682.   |  |                 |                                |                              |                                      |                |
|   |   |  |                 |                                |                              |                                      |                |
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| EXAMINER  |   |  |                 | DATE CONSIDERED                |                              |                                      |                |
| <small>*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.</small> |   |  |                 |                                |                              |                                      |                |